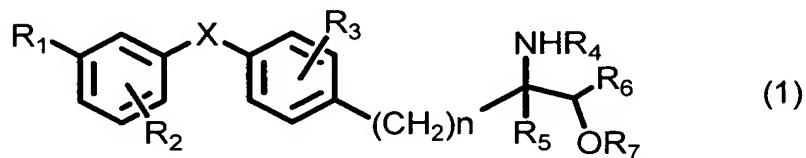


CLAIMS

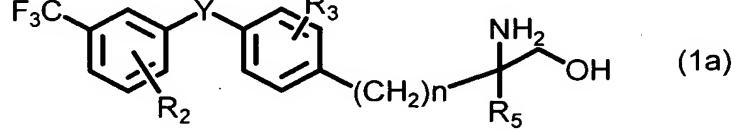
1. An amino alcohol derivative, and an optical isomer, pharmaceutically acceptable salt and hydrate thereof, the 5 amino alcohol derivative represented by the following general formula (1):



[wherein R₁ is a halogen atom, a trihalomethyl group, a lower alkyl group having 1 to 4 carbon atoms, an aralkyl group, a lower alkoxy group having 1 to 4 carbon atoms, a substituted or unsubstituted phenoxy group, a substituted or unsubstituted aralkyloxy group, a lower alkylthio group having 1 to 4 carbon atoms, a lower alkylsulfinyl group having 1 to 4 carbon atoms, or a lower alkylsulfonyl group having 1 to 4 carbon atoms; R₂ is a hydrogen atom, a halogen atom, a trihalomethyl group, a lower alkyl group having 1 to 4 carbon atoms, an aralkyl group, a lower alkoxy group having 1 to 4 carbon atoms, or a aralkyloxy group; R₃ is a hydrogen atom, a halogen atom, a trifluoromethyl group, a lower alkoxy group having 1 to 4 carbon atoms, a benzyloxy group, a lower alkyl group having 1 to 4 carbon atoms, or a lower alkoxythio group having 1 to 4 carbon atoms; R₄ is a hydrogen atom, a lower alkyl group having 1 to 4 carbon atoms, a phenyl group, a substituted or

unsubstituted benzyl group, a lower aliphatic acyl group having 1 to 5 carbon atoms, or a substituted or unsubstituted benzoyl group; R₅ is a hydrogen atom, a monohalogenated methyl group, a lower alkyl group having 1 to 4 carbon atoms, a lower 5 alkoxyethyl group having 1 to 4 carbon atoms, a lower alkylthiomethyl group having 1 to 4 carbon atoms, a hydroxyethyl group, a hydroxypropyl group, a phenyl group, an aralkyl group, a lower alkenyl group having 2 to 4 carbon atoms, or a lower alkynyl group having 2 to 4 carbon atoms; R₆ 10 and R₇ are each independently a hydrogen atom, or a lower alkyl group having 1 to 4 carbon atoms; and X is O, S, SO, or SO₂; and n is an integer from 1 to 4].

2. The amino alcohol derivative according to claim 1, an 15 optical isomer, pharmaceutically acceptable salt or hydrate thereof, wherein the compound represented by the general formula (1) is represented by the following general formula (1a):



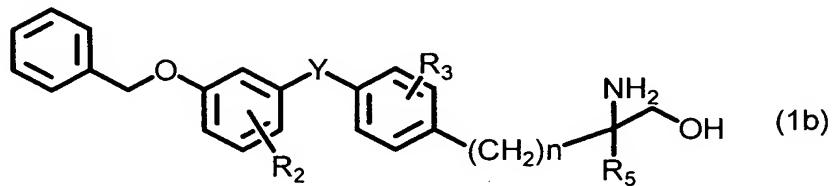
20 [wherein Y represents O or S, and R₂, R₃, R₅ and n are as described above].

3. The amino alcohol derivative according to claim 2, an optical isomer, pharmaceutically acceptable salt or hydrate

thereof, wherein R_3 is a chlorine atom.

4. The amino alcohol derivative according to claim 2, an optical isomer, pharmaceutically acceptable salt or hydrate 5 thereof, wherein R_3 is a trifluoromethyl group.

5. The amino alcohol derivative according to claim 1, an optical isomer, pharmaceutically acceptable salt or hydrate thereof, wherein the compound represented by the general 10 formula (1) is represented by the following general formula (1b):



[wherein Y represents O or S, and R_2 , R_3 , R_5 and n are as described above].

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6. The amino alcohol derivative according to claim 5, an optical isomer, pharmaceutically acceptable salt or hydrate thereof, wherein R_3 is a chlorine atom.

20 7. The amino alcohol derivative according to claim 5, an optical isomer, pharmaceutically acceptable salt or hydrate thereof, wherein R_3 is a trifluoromethyl group.

8. The amino alcohol derivative according to claim 1, a pharmaceutically acceptable salt or hydrate thereof, wherein the compound of the general formula (1) is

1) (\pm) -2-amino-5-[4-(3-benzyloxyphenylthio)-2-chlorophenyl]-2-methylpentane-1-ol;

5 2) $(+)$ -2-amino-5-[4-(3-benzyloxyphenylthio)-2-chlorophenyl]-2-methylpentane-1-ol;

3) (\pm) -2-amino-5-[4-(3-benzyloxyphenylthio)-2-chlorophenyl]-2-ethylpentane-1-ol;

10 4) $(+)$ -2-amino-5-[4-(3-benzyloxyphenylthio)-2-chlorophenyl]-2-ethylpentane-1-ol;

5) (\pm) -2-amino-4-[4-(3-benzyloxyphenylthio)-2-chlorophenyl]-2-methylbutane-1-ol;

6) $(+)$ -2-amino-4-[4-(3-benzyloxyphenylthio)-2-chlorophenyl]-2-15 methylbutane-1-ol;

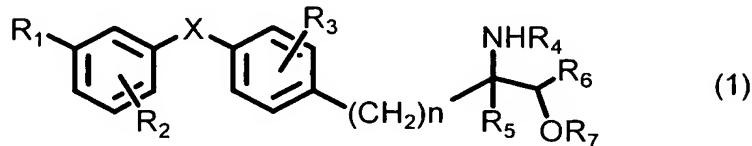
7) (\pm) -2-amino-4-[4-(3-benzyloxyphenylthio)-2-chlorophenyl]-2-ethylbutane-1-ol;

8) $(-)$ -2-amino-4-[4-(3-benzyloxyphenylthio)-2-chlorophenyl]-2-ethylbutane-1-ol; or

20 9) 3-amino-6-[4-(3-benzyloxyphenylthio)-2-chlorophenyl]hexane-2-ol.

9. An immunosuppressive agent containing as an active ingredient at least one of an amino alcohol derivative, and an 25 optical isomer, pharmaceutically acceptable salt and hydrate

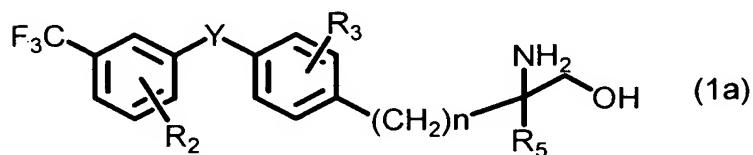
thereof, the amino alcohol derivative represented by the following general formula (1):



[wherein R₁ is a halogen atom, a trihalomethyl group, a lower alkyl group having 1 to 4 carbon atoms, an aralkyl group, a lower alkoxy group having 1 to 4 carbon atoms, a substituted or unsubstituted phenoxy group, a substituted or unsubstituted aralkyloxy group, a lower alkylthio group having 1 to 4 carbon atoms, a lower alkylsulfinyl group having 1 to 4 carbon atoms, 5 or a lower alkylsulfonyl group having 1 to 4 carbon atoms; R₂ is a hydrogen atom, a halogen atom, a trihalomethyl group, a lower alkyl group having 1 to 4 carbon atoms, an aralkyl group, a lower alkoxy group having 1 to 4 carbon atoms, or a aralkyloxy group; R₃ is a hydrogen atom, a halogen atom, a trifluoromethyl group, a lower alkoxy group having 1 to 4 carbon atoms, a benzyloxy group, a lower alkyl group having 1 to 4 carbon atoms, or a lower alkoxythio group having 1 to 4 carbon atoms; R₄ is a hydrogen atom, a lower alkyl group having 1 to 4 carbon atoms, a phenyl group, a substituted or 10 unsubstituted benzyl group, a lower aliphatic acyl group having 1 to 5 carbon atoms, or a substituted or unsubstituted benzoyl group; R₅ is a hydrogen atom, a monohalogenated methyl group, a lower alkyl group having 1 to 4 carbon atoms, a lower 15

alkoxymethyl group having 1 to 4 carbon atoms, a lower alkylthiomethyl group having 1 to 4 carbon atoms, a hydroxyethyl group, a hydroxypropyl group, a phenyl group, an aralkyl group, a lower alkenyl group having 2 to 4 carbon atoms, or a lower alkynyl group having 2 to 4 carbon atoms; R₆ and R₇ are each independently a hydrogen atom, or a lower alkyl group having 1 to 4 carbon atoms; and X is O, S, SO, or SO₂; and n is an integer from 1 to 4].

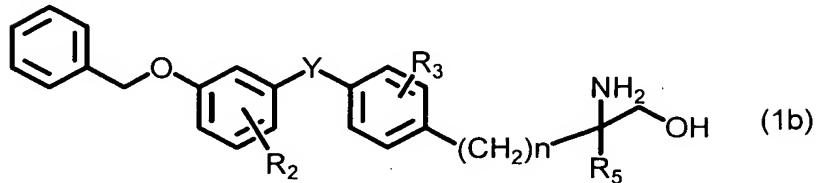
10 10. The immunosuppressive agent according to claim 9, containing as an active ingredient at least one of the amino alcohol derivative, and the optical isomer, pharmaceutically acceptable salt and hydrate thereof wherein the compound represented by the general formula (1) is represented by the 15 following general formula (1a):



[wherein Y represents O or S, and R₂, R₃, R₅ and n are as described above].

20 11. The immunosuppressive agent according to claim 9, containing as an active ingredient at least one of the amino alcohol derivative, and the optical isomer, pharmaceutically acceptable salt and hydrate thereof, wherein the compound

represented by the general formula (1) is represented by the following general formula (1b):



[wherein Y represents O or S, and R₂, R₃, R₅ and n are as 5 described above].

12. The immunosuppressive agent according to any one of claims 9 to 11, intended for use as a prophylactic or therapeutic agent for autoimmune diseases.

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13. The immunosuppressive agent according to any one of claims 9 to 11, intended for use as a prophylactic or therapeutic agent for rheumatoid arthritis.

15 14. The immunosuppressive agent according to any one of claims 9 to 11, intended for use as a prophylactic or therapeutic agent for psoriasis or atopic dermatitis.

20 15. The immunosuppressive agent according to any one of claims 9 to 11, intended for use as a prophylactic or therapeutic agent for bronchial asthma or pollinosis.

16. The immunosuppressive agent according to any one of

claims 9 to 11, intended for use as a prophylactic or therapeutic agent for rejection in organ or bone marrow transplantation.